

## GILA RIVER BASIN

### 09498502 PINTO CREEK NEAR MIAMI, AZ

**LOCATION**--Lat 33° 29'16", long 110° 59'41", in NW<sub>1/4</sub>SW<sub>1/4</sub>NW<sub>1/4</sub> sec. 25, T.2 S., R.13 E. (unsurveyed), Gila County, Hydrologic Unit 15060103, 2 mi downstream from West Pinto Creek, in Tonto National Forest, 0.5 mi downstream from Forest Road No. 287 crossing of Pinto Creek, approximately 12 mi northwest of Miami, AZ, on the right bank side, at Pinto Valley weir.

**DRAINAGE AREA**--102 mi<sup>2</sup>.

**PERIOD OF RECORD**--Oct. 1994 to current year.

**GAGE**--Water-stage recorder. Elevation of gage is 2,820 ft above sea level, from topographic map.

**REMARKS**--Records fair except for estimated daily discharges, which are poor. Some flows may be affected by pumpage from many upstream wells.

**EXTREMES FOR PERIOD OF RECORD**--Maximum discharge, 5,010 ft<sup>3</sup>/s, Jan. 5, 1995, at gage height 9.10 ft.

**EXTREMES FOR CURRENT YEAR**--Maximum discharge, 4.7 ft<sup>3</sup>/s, Aug. 5 at 1815, gage height, 2.81 ft, recorded at the gage. Minimum daily discharge, 0.67 ft<sup>3</sup>/s Aug. 11 and 12.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	2.4	1.8	1.6	1.7	2.0	2.1	2.4	1.8	1.4	0.90	0.88
2	2.3	2.4	1.9	1.6	1.7	2.0	2.0	2.3	1.8	1.3	0.83	0.89
3	2.2	2.4	1.9	1.6	1.7	2.0	2.0	2.2	1.8	1.3	0.80	0.95
4	2.2	2.3	2.0	1.6	1.7	2.0	1.9	2.2	1.9	1.5	0.71	0.96
5	2.2	2.4	1.9	1.5	1.7	2.1	1.9	2.1	1.8	1.4	0.78	0.90
6	2.3	2.4	1.9	1.5	1.8	2.2	1.9	2.1	1.7	1.4	0.70	0.88
7	2.3	2.4	1.9	1.4	1.8	2.2	2.0	2.1	1.6	1.2	0.71	0.92
8	2.3	2.4	1.7	1.5	1.8	2.4	2.0	2.2	1.6	1.1	0.71	1.0
9	2.3	2.3	1.6	1.4	1.8	2.5	2.0	2.1	1.6	1.1	0.70	1.0
10	2.3	2.3	1.5	1.5	1.8	2.4	2.1	2.1	1.7	1.1	0.70	1.0
11	2.3	2.2	1.5	1.5	1.9	2.3	2.2	2.2	1.6	1.1	0.67	0.97
12	2.3	2.2	1.5	1.5	1.9	2.2	2.2	2.1	1.6	1.1	0.67	0.93
13	2.3	2.1	1.5	1.5	1.9	2.2	2.3	2.1	1.6	1.2	0.72	0.91
14	2.3	2.1	1.5	1.5	1.9	2.3	2.3	2.0	1.6	1.2	0.73	0.88
15	2.3	2.0	1.5	1.5	1.9	2.2	2.3	2.0	1.5	1.2	0.71	0.86
16	2.3	2.0	1.5	1.5	2.0	2.3	2.4	2.0	1.6	1.3	0.72	0.88
17	2.3	2.0	1.5	1.5	2.0	2.4	2.3	1.9	1.6	1.4	0.75	0.88
18	2.3	2.0	1.5	1.5	2.0	2.3	2.3	1.9	1.6	1.3	0.73	0.91
19	2.3	2.0	1.5	1.5	2.1	2.4	2.4	1.8	1.5	1.3	0.72	0.89
20	2.3	2.0	1.6	1.5	2.1	2.4	2.4	1.8	1.6	1.2	0.72	0.88
21	2.2	1.9	1.5	1.5	2.1	2.4	2.5	1.8	1.6	1.1	0.74	0.86
22	2.3	1.8	1.5	1.6	2.1	2.5	2.5	1.8	1.6	1.1	0.73	0.87
23	2.2	1.8	1.6	1.6	2.1	2.5	2.5	1.7	1.6	1.1	0.76	0.91
24	2.2	1.8	1.7	1.6	2.1	2.6	2.4	1.7	1.6	1.2	0.73	0.92
25	2.2	1.8	1.7	1.6	2.1	2.7	2.4	1.7	1.6	1.1	0.72	0.93
26	2.3	1.8	1.7	1.6	2.1	2.7	2.5	1.7	1.6	1.1	0.72	0.93
27	2.3	e1.7	1.6	1.6	2.1	2.7	2.6	1.8	1.5	1.1	0.75	0.92
28	2.3	1.7	1.6	1.6	2.0	2.6	2.6	1.8	1.4	1.1	0.81	0.89
29	2.3	1.7	1.6	1.7	---	2.6	2.5	1.8	1.4	1.0	0.90	0.89
30	2.4	1.8	1.6	1.7	---	2.5	2.5	1.7	1.5	1.0	0.86	0.87
31	2.3	---	1.7	1.7	---	2.4	---	1.8	---	1.0	0.87	---
TOTAL	70.7	62.1	51.0	48.0	53.9	73.0	68.0	60.9	48.5	37.0	23.27	27.36
MEAN	2.281	2.070	1.645	1.548	1.925	2.355	2.267	1.965	1.617	1.194	0.751	0.912
MAX	2.4	2.4	2.0	1.7	2.1	2.7	2.6	2.4	1.9	1.5	0.90	1.0
MIN	2.2	1.7	1.5	1.4	1.7	2.0	1.9	1.7	1.4	1.0	0.67	0.86
AC-FT	140	123	101	95	107	145	135	121	96	73	46	54
CFSM	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2002, BY WATER YEAR (WY)

MEAN	2.785	4.390	2.581	17.51	22.98	24.29	9.181	3.404	2.465	2.191	3.678	1.851
MAX	13.0	26.1	8.37	117	82.3	99.8	27.1	7.54	5.41	4.26	16.6	3.56
(WY)	2001	2001	1995	1995	1998	1995	1998	1995	1995	2001	2000	2001
MIN	0.025	0.005	0.014	0.26	0.76	0.99	0.98	0.69	0.38	0.20	0.18	0.24
(WY)	1998	1998	1997	1998	1999	1999	1996	1996	1996	1996	1996	1997

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 1995 - 2002

ANNUAL TOTAL	2844.6	623.73										
ANNUAL MEAN	7.793	1.709										
HIGHEST ANNUAL MEAN												
LOWEST ANNUAL MEAN												
HIGHEST DAILY MEAN	285	Apr 6	2.7	Mar 25								
LOWEST DAILY MEAN	1.5	Dec 10	0.67	Aug 11								
ANNUAL SEVEN-DAY MINIMUM	1.5	Dec 10	0.69	Aug 6								
ANNUAL RUNOFF (AC-FT)	5640		1240									
ANNUAL RUNOFF (CFSM)	0.076		0.017									
10 PERCENT EXCEEDS	14		2.4									
50 PERCENT EXCEEDS	3.1		1.7									
90 PERCENT EXCEEDS	1.9		0.88									

e Estimated